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MAY 04 2004 #8

PTO/SB/64 (11-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT ABANDONED  
UNINTENTIONALLY UNDER 37 CFR 1.137(b)**Docket Number (Optional)  
200-1527 (81047347)

First named inventor: Michael J. Cullen

Application No.: 09/683,680

Art Unit: Unknown

Filed: 02/01/2002

Examiner: Unknown

Title: METHOD AND SYSTEM FOR INFERRING TORQUE OUTPUT OF A  
VARIABLE COMPRESSION RATIO ENGINEAttention: Office of Petitions  
Mail Stop Petition  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
FAX: (703) 308-6916**RECEIVED**

MAY 05 2004

**OFFICE OF PETITIONS**NOTE: If information or assistance is needed in completing this form, please contact Petitions  
Information at (703) 305-9282.The above-identified application became abandoned for failure to file a timely and proper reply to a  
notice or action by the United States Patent and Trademark Office. The date of abandonment is the day after the  
expiration date of the period set for reply in the Office notice or action plus an extensions of time  
actually obtained.**APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION**

NOTE: A grantable petition requires the following items:

- (1) Petition fee;
- (2) Reply and/or issue fee;
- (3) Terminal disclaimer with disclaimer fee --required for all utility and plant applications  
filed before June 8, 1995; and for all design applications; and
- (4) Statement that the entire delay was unintentional.

## 1. Petition fee

☐ Small entity-fee \$ \_\_\_\_\_ (37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27.☒ Other than small entity - fee \$ 1330. (37 CFR 1.17(m))

## 2. Reply and/or fee

A. The reply and/or fee to the above-noted Office action in

the form of Substitute Drawings

(identify type of reply):

☐ has been filed previously on \_\_\_\_\_☒ is enclosed herewith.

B. The issue fee and publication fee (if required) of \$ \_\_\_\_\_

☐ has been paid previously on \_\_\_\_\_☐ is enclosed herewith.

[Page 1 of 2]

This collection of information is required by 37 CFR 1.137. The information is required to obtain or retain a benefit by the public which is to file (and by the  
USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete,  
including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments  
on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent  
and Trademark Office, U.S. Department of Commerce, P.O. 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS  
ADDRESS. SEND TO: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/64 (08-03)

Approved for use 07/31/2006, OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## 3. Terminal disclaimer with disclaimer fee

- ☒ Since this utility/plant application was filed on or after June 8, 1995, no terminal disclaimer is required.
- ☐ A terminal disclaimer (and disclaimer fee (37 CFR 1.20(d)) of \$ \_\_\_\_\_ for a small entity or \$ \_\_\_\_\_ for other than a small entity) disclaiming the required period of time is enclosed herewith (see PTO/SB/63).

4. STATEMENT: The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 CFR 1.137(b) was unintentional. [NOTE: The United States Patent and Trademark Office may require additional information if there is a question as to whether either the abandonment or the delay in filing a petition under 37 CFR 1.137(b) was unintentional (MPEP 711.03(c), subsections (III)(C) and (D))].

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

4-14-04

Date

Signature

Telephone

Number: 313-323-6733

Carlos L. Hanze

Typed or printed name

Suite 600 PTE, One Parklane Blvd.

Address

Enclosures: ☒ Fee Payment

Dearborn, MI 48126

Address

☒ Reply☐ Terminal Disclaimer Form☐ Additional sheets containing statements establishing unintentional delay☒ Other: Substitute Drawings

## CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(e)]

I hereby certify that this correspondence is being:

☐ deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

☒ transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (703) 308-6916.

4-14-04

Date

Signature

Donna J. Seibert

Type or printed name of person signing certificate

(Page 2 of 2)

09/063193  
PATENT☒ OFFICIAL  
☐ UNOFFICIAL

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

Applicant(s): Michael Cullen

Serial No: 09/683680

Group Art Unit: Unknown

Filed: 2/1/2002

Examiner: Unknown

MAY 05 2004  
OFFICE OF PETITIONSTitle: METHOD AND SYSTEM FOR INFERRING TORQUE OUTPUT OF A VARIABLE  
COMPRESSION RATIO ENGINE

Attorney Docket No.: 200-1527 (81047347)

☒ CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. § 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being:

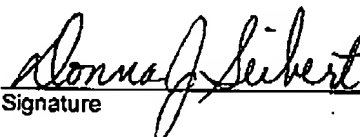
## MAILING

## FACSIMILE

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Fax No: 703-872-9306  
Total No. of Pages: 14

4-14-04

Date

  
Signature Donna J. Seibert☐ PETITION AND FEE FOR EXTENSION OF TIME (37 CFR 1.136(a))

1. This is a petition for an extension of time to respond to the Office Action requesting an extension of time.
2. Applicant is other than a small entity.
3. Extension (Months)

<input type="checkbox"/> one month	<u>Fee For Other Than Small Entity</u>
<input type="checkbox"/> two months	\$110.00
<input type="checkbox"/> three months	\$400.00
<input type="checkbox"/> four months	\$920.00
	\$1,440.00
4. Amendment is filed herewith.
5. Please charge fee to Deposit Account 06-1510. If there are insufficient funds in this account, please charge the fees to Deposit Account No.06-1505.

SUBMISSION OF SUBSTITUTE DRAWINGS


Mail Stop Petition  
Commissioner for Patents  
U.S. Patent & Trademark Office  
P. O. Box 1450  
Alexandria, VA 22313-1450

Attention: Patricia Ball

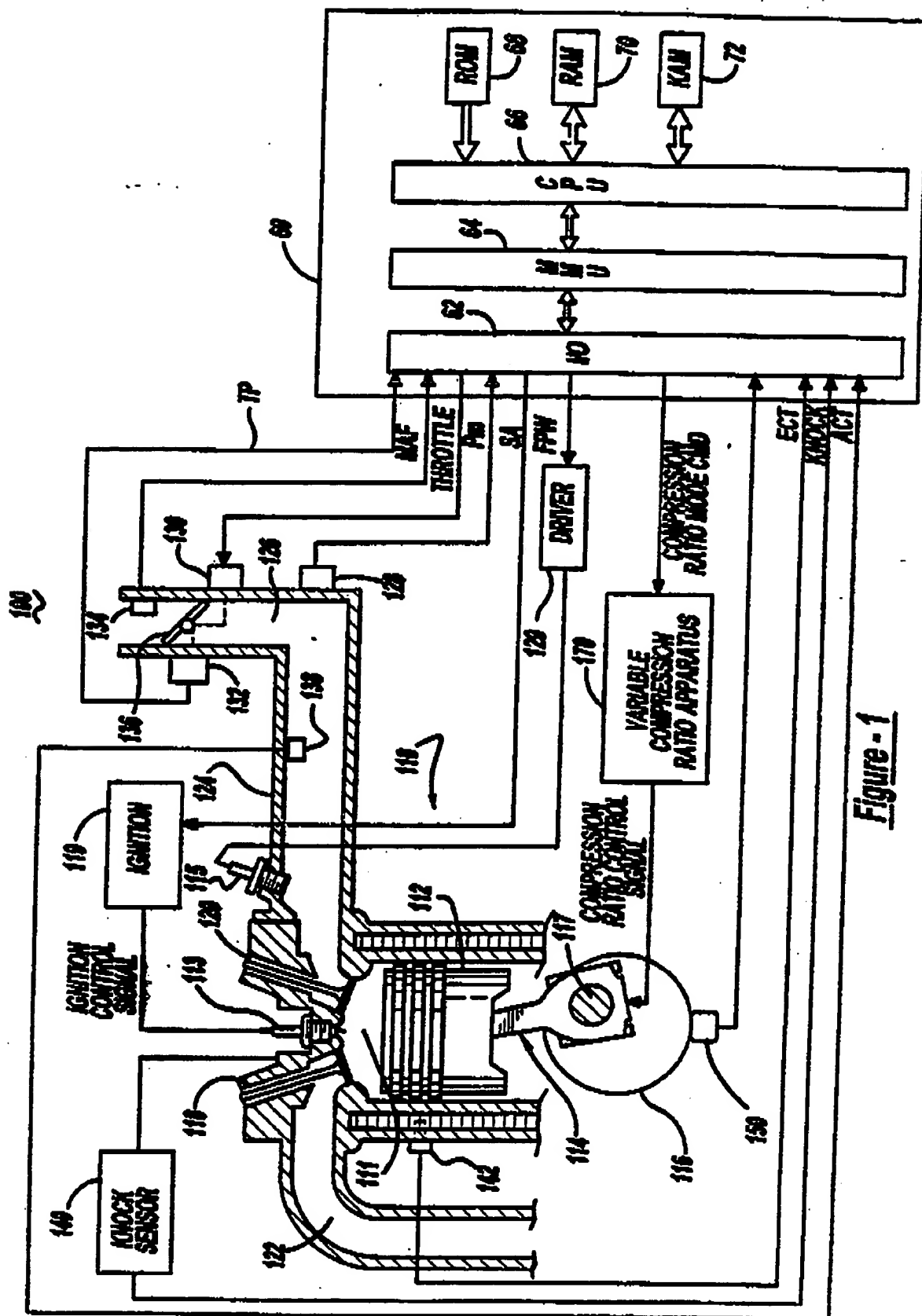
Madame:

Please find enclosed the Substitute Drawings  
pursuant to 37 CFR 1.84 in response to a Notice to File  
Corrected Application Papers.

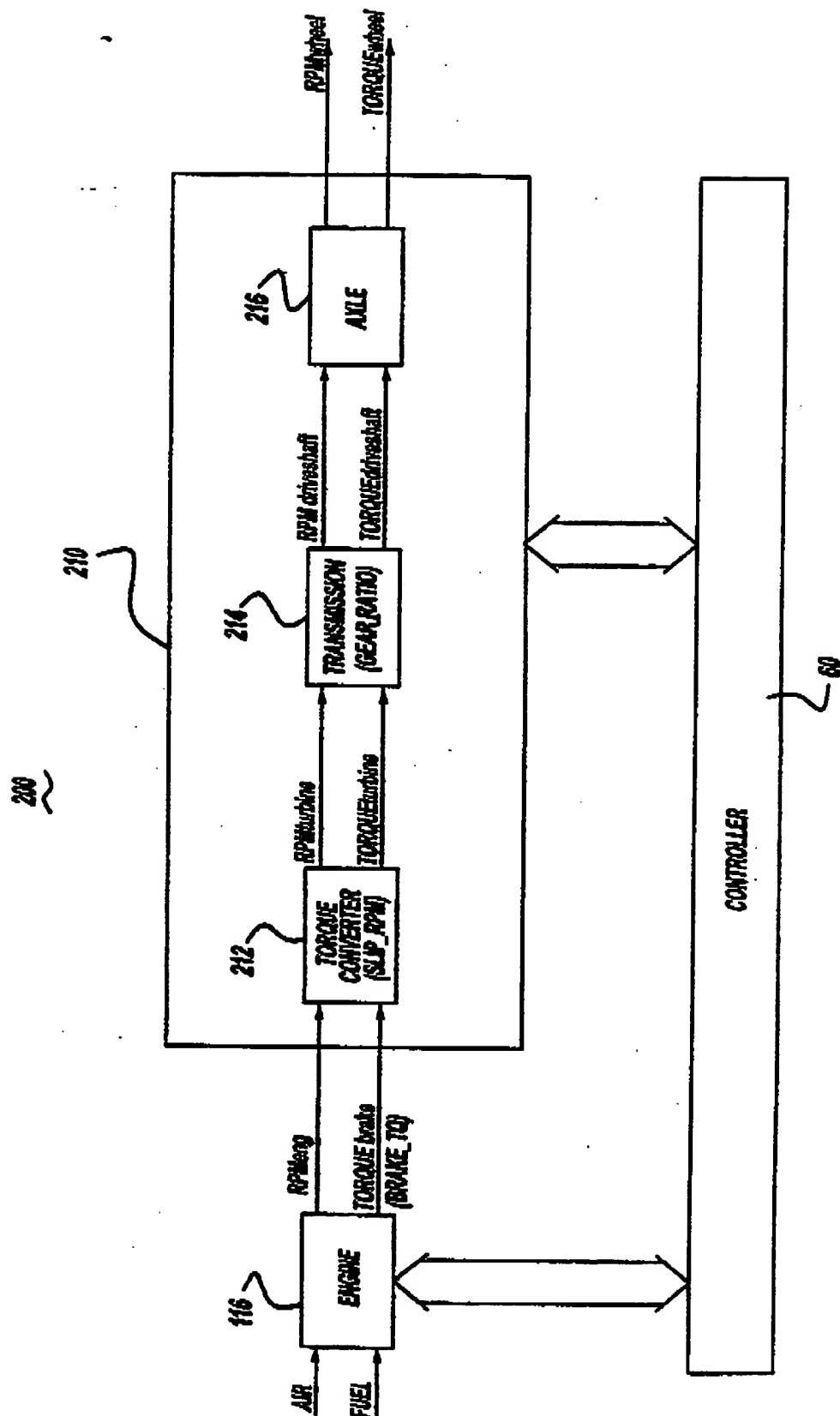
Respectfully submitted,

  
\_\_\_\_\_  
Carlos L. Hanze  
Registration No. 43,657  
Attorney for Applicant(s)

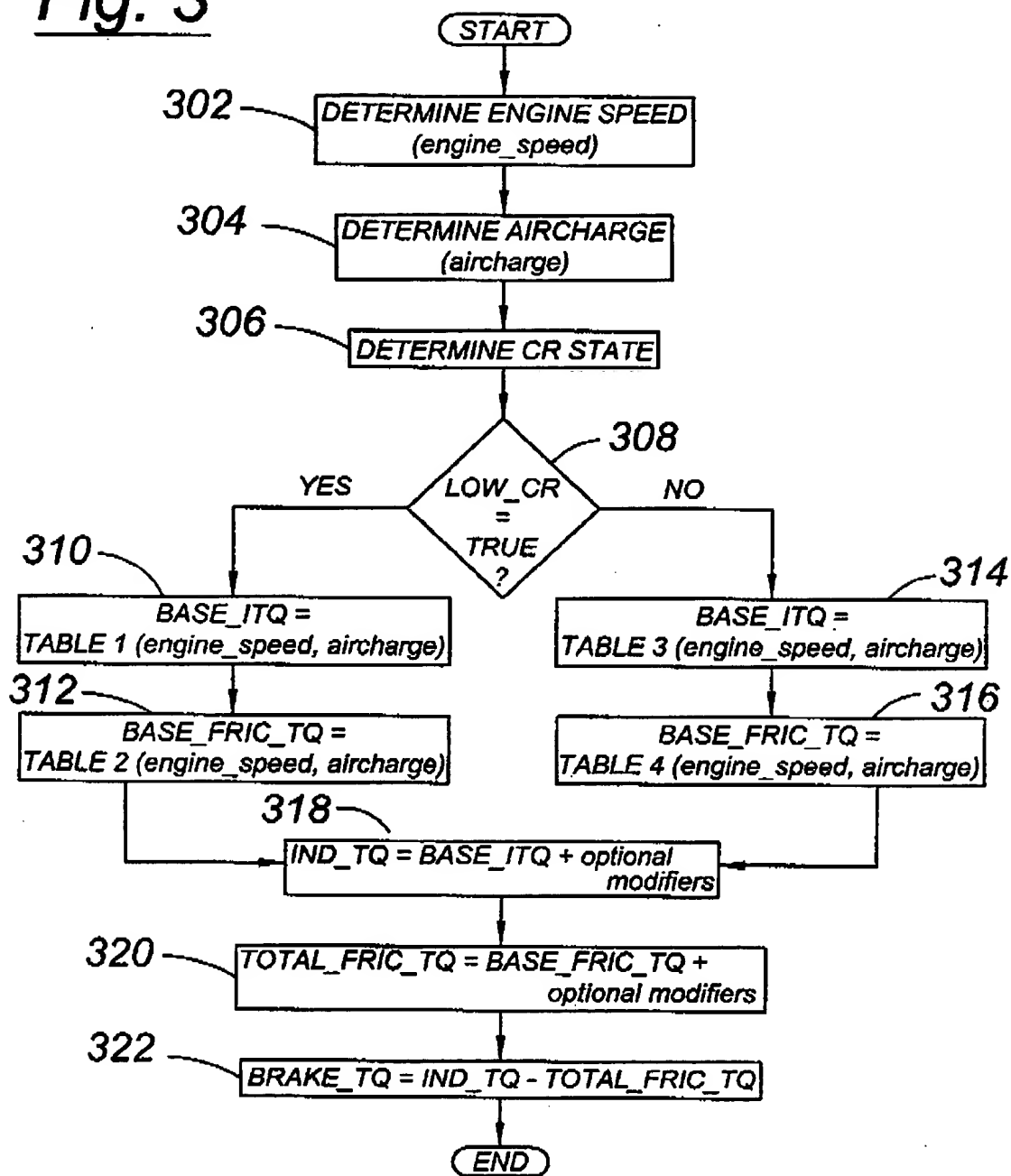
Date: 4/13/2004  
Ford Global Technologies, LLC.  
600 Parklane Towers East  
Dearborn, Michigan  
P: (313) 323-6733  
F: (313) 322-7162



**Figure-1**

**Figure -2**

3/4

Fig. 3

4/4

Fig. 4